

## EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000132133  
PUBLICATION DATE : 12-05-00

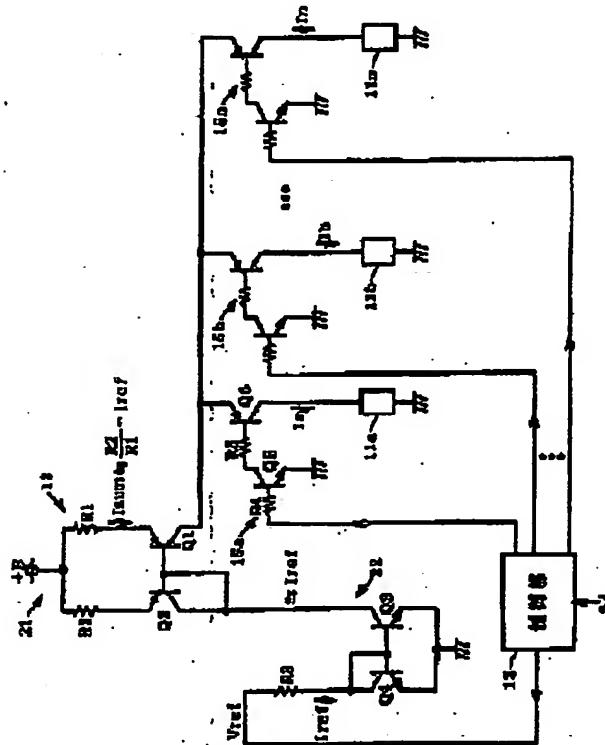
APPLICATION DATE : 22-10-98  
APPLICATION NUMBER : 10301188

APPLICANT : SUMITOMO ELECTRIC IND LTD;

INVENTOR : ONO JUNICHI;

INT.CL. : G09G 3/12 G09F 9/30 G09G 3/00

TITLE : DISPLAY ELEMENT DRIVING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To raise the circuit area efficiency as the driving circuit of a display element so as to be conformable to standardization.

SOLUTION: All display elements 11a, 11b, ..., and 11n are mutually connected in parallel to constitute a parallel circuit, and a constant current  $I_{sum}$  is supplied from a constant current control circuit 12 to the parallel circuit to equally apply an applied voltage to all the display elements 11a, 11b, ..., and 11n. A control part 13, which is a programmable arithmetic control circuit, is used to make the constant current  $I_{sum}$  easily applicable to the drive of every display element only by the change of software program.

COPYRIGHT: (C)2000,JPO